

MS590205.Erest30

XP-002136341

!!NA_SEQUENCE 1.0

ID HS590205 standard; RNA; EST; 411 BP.

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AC H54590;

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SV H54590.1

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DT 22-SEP-1995 (Rel. 45, Created)

DT 04-MAR-2000 (Rel. 63, Last updated, Version 2)

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DE yq92e05.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone

DE IMAGE:203264 5' similar to SP:SORB_PIG P28220 ;, mRNA sequence.

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KW EST.

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OS Homo sapiens (human)

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Teleostomi;

OC Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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RN [1]

RP 1-411

RA Hillier L., Clark N., Dubuque T., Elliston K., Hawkins M., Holman M.,

RA Hultman M., Kucaba T., Le M., Lennon G., Marra M., Parsons J., Rifkin L.,

RA Rohlfing T., Soares M., Tan F., Trevaskis E., Waterston R., Williamson A.,

RA Wohldmann P., Wilson R.;

RT "The WashU-Merck EST Project";

RL Unpublished.

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DR RZPD; IMAGp998K09392; IMAGp998K09392.

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CC On May 18, 1995 this sequence version replaced gi:811052.

CC Contact: Wilson RK

CC Washington University School of Medicine

CC 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

CC Tel: 314 286 1800

CC Fax: 314 286 1810

CC Email: est@watson.wustl.edu

CC Insert Size: 1485

CC High quality sequence stops: 302

CC Source: IMAGE Consortium, LLNL

CC This clone is available royalty-free through LLNL ; contact the

CC IMAGE Consortium (info@image.llnl.gov) for further information.

CC Possible reversed clone: similarity on wrong strand

CC Insert Length: 1485 Std Error: 0.00

CC Seq primer: M13RP1

CC High quality sequence stop: 302.

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FH Key Location/Qualifiers

FH

FT source

1. .411

FT /db_xref="taxon:9606"

FT /db_xref="ESTLIB:262"

FT /db_xref="RZPD:IMAGp998K09392"

FT /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)"

P.D.	1995	(2)
p.	112	

FT with a modified polylinker; Site_1: Pac I; Site_2: Eco RI;
FT 1st strand cDNA was primed with a Pac I - oligo(dT) primer
FT [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTT 3'],
FT double-stranded cDNA was ligated to Eco RI adaptors
FT (Pharmacia), digested with Pac I and cloned into the Pac I
FT and Eco RI sites of the modified pT7T3 vector. Library
FT went through one round of normalization. Library
FT constructed by Bento Soares and M.Fatima Bonaldo."

FT /sex="male"
FT /organism="Homo sapiens"
FT /clone="IMAGE:203264"
FT /clone_lib="Soares fetal liver spleen 1NFLS"
FT /dev_stage="20 week-post conception fetus"
FT /lab_host="DH10B (ampicillin resistant)"
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SQ Sequence 411 BP; 72 A; 83 C; 129 G; 123 T; 4 other;

Hs590205 Length: 411 April 25, 19100 14:25 Type: N Check: 1106 ..

1 GAGGGCTCGG CGTGGCTTTT GGAAAGAGGT CTGTAGGTTT GGGTCTTTGC
51 AGCAGGGTGT GACTGAGCAC TGTAGGGTGG GTTGTACAGA CCTGCATTGT
101 ATGTATAAGG AGTATTATAC ATGTCTGTGT CATCATCCGG CTTGTGCACC

151 ATGTGAATTT GCTTAAACAT CGTCTTGTAC CAGTCCTTGG GCCGGTCGAC
201 TGTCGTTCTA ATTGCTGTGG GGATTCCGGA TTCATCCACT GGCCCGATCC
251 CTGGGTAATG CGGGGCTTTG ATGACTGTCA CTCTCTTCTC TTCCTCTGAG
301 GATCGGTACA GGGGGATAGA GCTGCTNGTG GTGCCATCCA GAGACTGCGC
351 ATGCTGGGGG GATATGTGTC TNTGGAATTC GAGGGNATTT GGCCGTGCTG
401 GCATTNACAA T